

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-305486

(43)Date of publication of application : 05.11.1999

(51)Int.Cl.

G03G 9/087

G03G 9/08

(21)Application number : 10-116715

(71)Applicant : KONICA CORP

(22)Date of filing : 27.04.1998

(72)Inventor : YAMAZAKI HIROSHI
KOBAYASHI YOSHIAKI
ISHIKAWA MICHIAKI
NISHIMORI HIROKO

(54) TONER FOR DEVELOPING ELECTROSTATIC CHARGE IMAGE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide toner for developing an electrostatic charge image having good adhesiveness to an image support in flash fixation and both good anti- offsetting property and adhesiveness to an image support in heat roll fixation by using specified high softening point and low softening point polyester resins as the resin of toner.

SOLUTION: The toner for both flash fixation and heat roll fixation consists of a resin and a colorant. The resin consists of a high softening point polyester resin having 130-150° C softening point and a low softening point polyester resin having 80-125° C softening point in a weight ratio of (80-30):(20-70). The high softening point component is a polymer resin consisting of a trior higher valent monomer, an arom. dicarboxylic acid and dialcohols including ≥70 mol.% aliphatic dialcohol. The low softening point component is a polymer resin consisting of a trior higher valent monomer, an arom. dicarboxylic acid and dialcohols including ≥70 mol.% arom. dialcohol.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]